

PROJECT DESCRIPTION
GENERAL

THIS PROJECT INVOLVES THE CONSTRUCTION OF A TEMPORARY SIGNAL AT THE INTERSECTION OF MD 24 AND THE NORTHBOUND I-95 OFF-RAMP/ON-RAMP DURING THE MAINTENANCE OF TRAFFIC FOR STAGE 2. THE EXISTING SIGNAL IS MODIFIED BY INSTALLING A SPAN WIRE ACROSS ON EXISTING MAST ARM STRUCTURES, AND INSTALLING NEW SIGNAL HEADS, WIRED TO THE EXISTING CONTROLLER AT THE INTERSECTION IN HARFORD COUNTY.

INTERSECTION OPERATION

THE EXISTING BASE MOUNTED CABINET SHALL BE USED FOR THIS INTERSECTION. THE INTERSECTION SHALL OPERATE IN A FULLY ACTUATED MODE USING 4 NEMA PHASES.

SPECIAL NOTES

1. THE FOLLOWING CONTACT PERSONS FOR THIS PROJECT ARE AS FOLLOWS:

PROJECT CONTACTS:

MR. RANDALL SCOTT, ASSISTANT DISTRICT ENGINEER-TRAFFIC
PHONE: (410) 321-2781
MR. STEVE MARCISZEWSKI, ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (410) 321-2761
MR. MICHAEL PASQUARIELLO, UTILITY ENGINEER
PHONE: (410) 321-2841
MR. RICHARD L. DAFF, SR., CHIEF TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630
MR. EDWARD RODENHIZER, SIGNAL OPERATIONS CHIEF
PHONE: (410) 787-7650
MR. EUGENE BAILEY, SIGN OPERATIONS MANAGER
PHONE: (410) 787-7676

MS. ROXANE MUKAI, TRAFFIC MANAGER
MARYLAND TRANSPORTATION AUTHORITY
PHONE: (410) 288-8484

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE MARYLAND STATE HIGHWAY ADMINISTRATION.

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
973023	SHEET ALUMINUM SIGNS	SF	39
	R3-3 (2) (30"x30") SPAN WIRE MOUNT	EA	1
	R3-1 (30"x30") SPAN WIRE MOUNT	EA	1
	R10-11B (30"x30") SPAN WIRE MOUNT	EA	1
	R3-8(MOD) (36"x36") SPAN WIRE MOUNT	EA	1
	R3-5(L) (30"x36") SPAN WIRE MOUNT	EA	1

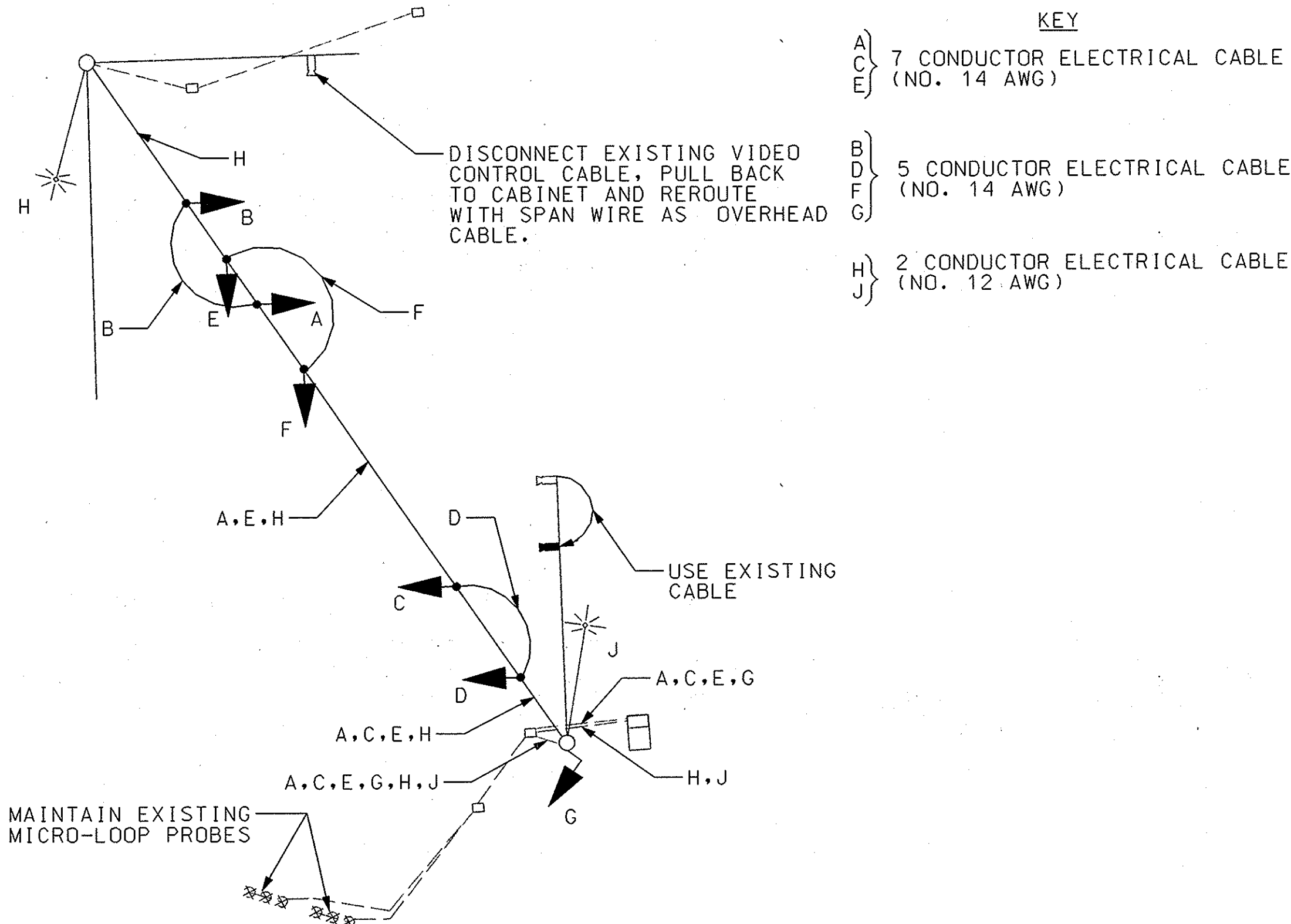
B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
114245	24 INCH WHITE REMOVABLE PREFORMED PAVEMENT LINE MARKINGS	LF	60
800000	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT	LS	1
800000	RELOCATE EXISTING VIDEO DETECTION CAMERA	EA	1
800000	BACK GUY ANCHOR ASSEMBLY	EA	2
805050	WEATHER HEAD, 3 INCH	EA	2
813015	INSTALL OVERHEAD SIGN	SF	39
860284	12 INCH LED VEHICULAR TRAFFIC SIGNAL HEAD SECTION	EA	23
861107	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)	LF	160
861108	ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)	LF	530
861116	ELECTRICAL CABLE- 2 CONDUCTOR (NO. 12 AWG)	LF	320
869101	STEEL SPAN WIRE - 1/4 INCH DIAMETER	LF	160
869102	STEEL SPAN WIRE - 3/8 INCH DIAMETER	LF	160

C.EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE STATE HIGHWAY ADMINISTRATION, 7491 CONNELLY DRIVE, HANOVER , MARYLAND 21076.

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WIRING DIAGRAM



PHASE CHART

	1	2	3	4	5	6	7
	R	R	R	R	R	R	R
	Y	Y	Y	Y	Y	Y	Y
	G	G	G	G	G	G	G
PHASE 2 AND 5	R	R	G	G	R	R	R
2 AND 5 CHANGE	R	R	G	G	R	R	R
PHASE 2 AND 6	G	G	G	G	R	R	R
2 AND 6 CHANGE	Y	Y	Y	Y	R	R	R
PHASE 4	R	R	R	R	G	G	G
4 CHANGE	R	R	R	R	Y	Y	Y
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R

MOT STAGE :2



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 24 AT NORTHBOUND I-95 OFF-RAMP (RAMP A1)
IMPROVEMENTS TO I-95 AND MD 24 INTERCHANGE

ABINGDON, MARYLAND

GENERAL INFORMATION SHEET

SCALE N.T.S. DATE 08/2006 CONTRACT NO. KH-271-000-002

DESIGNED BY A. MOHAMMEDSDU COUNTY HARFORD

DRAWN BY M. RAFFLE LOGMILE

CHECKED BY K. RINIKER TMS NO.

FAP NO. NONE TOD NO.

TS NO. DRAWING PSG OF N011 SHEET NO. 686 OF 889



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